

CLAIMS

1 - Sport shoe with impact absorber system, characterized in that in each sport shoe are included:

- (a) absorber set (4) of tubular elements (6, 7, 8) of resilient 5 and/or materials arranged parallel one another and positioned transversely in relation to the longitudinal axis of the shoe;
- (b) walls (5) placed laterally in the impact absorber (4), closing each absorber (4) in its both side extremities.

2 - Sport shoe, in accordance with claim 1, characterized in 10 that each sport shoe can comprise:

- (a) 1 absorber set (4) located in the heel region (see figure 4);
- (b) 2 absorber sets (4) located: 1 in the heel and the other in the front third of the sport shoe (see figure 5);
- (c) 3 absorber sets (4) located throughout the whole sole of 15 the sport shoe (see figure 6);
- (d) absorber sets (4) which can be arranged parallel or not one another, and be installed in special positions depending on peculiar specifications.

3 - Sport shoe, in accordance with any of the claims 1 or 2, 20 characterized in that it comprises absorber set(s) (4) these having tubular elements (6, 7, 8) which can be:

- (a) elliptical, circular, or compounds as to their transversal cross section;
- (b) of similar or different size, wall thickness, flexibility;
- (c) manufactured of a number of materials, as plastics, resin, 25

flexible polymers, fiberglass, graphite, carbon or any other material which is adequate to the function to be exerted;

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- (d) manufactured of diverse elements in their interior, as nylon foam, original solid material or worked for the absorption, air, gas, under pressure and any other material adequate to each destination; and
- (e) arranged side by side or near one another, these distances being regulars or irregulars.